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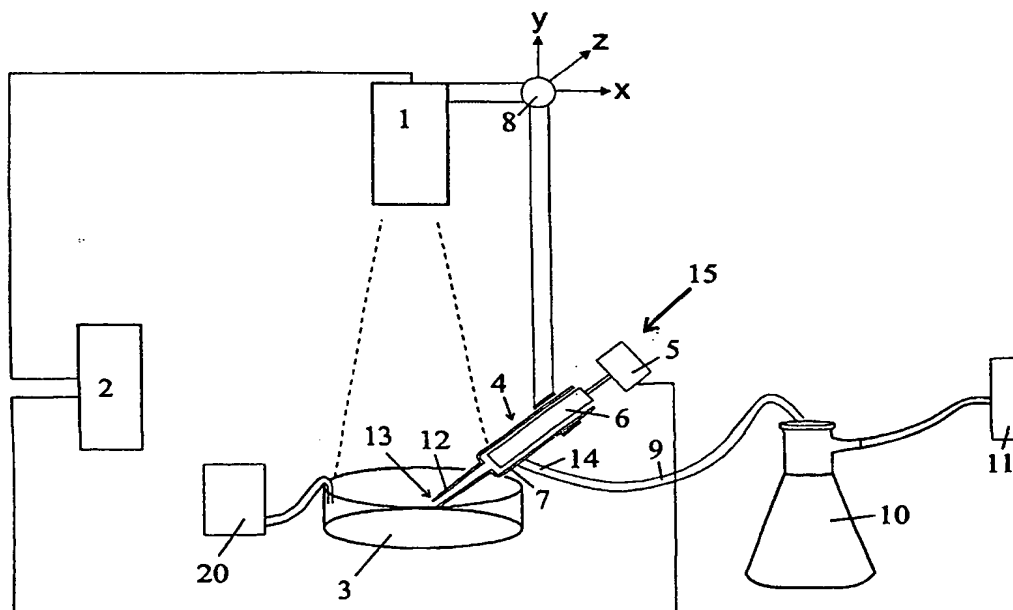
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(54) Title: APPARATUS FOR ISOLATION OF PARTICLES, PREFERABLY CELL CLUSTERS



(57) Abstract

The present invention provides an apparatus for isolation of cell clusters which are either embedded or transported. The preferred embodiment is isolation of the insulin producing pancreatic islets of Langerhans but the invention can be used for isolation of other types of cell clusters and particles in fluid as well. The invention is based on digital imaging of the cell suspension on either a plane surface or in a capillary tubing, where a digital camera scans the cell suspension.

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